



09/595 592

Docket No.: M4065.0792/P792
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Anders Andersson

Patent No.: 6,844,897

Issued: January 18, 2005

For: ACTIVE PIXEL SENSOR (APS) READOUT
STRUCTURE WITH AMPLIFICATION

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.322**

MS Post Issue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the Specification:

Column 3, line 10, Equation (1):

$$A_0 = g_{m1} * (r_{ds2}/r_{s4}) = // r_{ds2} >> r_{s4} // \approx g_{m1} * r_{s4} = g_{m1}/g_{m4} = // \mu_n \approx 3 * \mu_p // \approx$$

should read:

$$(1). A_0 = g_{m1} * (r_{ds2} // r_{s4}) = // r_{ds2} >> r_{s4} // \approx g_{m1} * r_{s4} = g_{m1}/g_{m4} = // \mu_n \approx 3 * \mu_p // \approx (3 * (W/L)_1 / (W/L)_4)^{1/2}$$

Column 3, line 28, Equation (7):

~~t_{switch}=C_L>>~~

should read:

$$(7) \quad t_{\text{switch}} = C_L \cdot A_0 / g_m, \text{ where}$$

Column 3, line 45, $|V_t| = |V_{th}| = 0.8V$; and

should read:

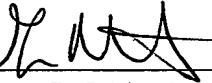
$$|V_{tp}| = |V_{tn}| = 0.8V; \text{ and}$$

The errors were not in the application as filed by applicant; accordingly no fee is required.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Dated: April 22, 2005

Respectfully submitted,

By 
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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,844,897
 DATED : January 18, 2005
 INVENTOR(S) : Anders Andersson

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Column 3, line 10, Equation (1):

$$A_0 = g_{m1} * (r_{ds2}/r_{s4}) = // r_{ds2} >> r_{s4} // \approx g_{m1} * r_{s4} = g_{m1}/g_{m4} = // \mu_n \approx 3 * \mu_p // \approx \\ \mu_n = 3 * \mu_p = (3 * (W/L)_1 / (W/L)_4)^{1/2}$$

should read:

$$(1) A_0 = g_{m1} * (r_{ds2} / r_{s4}) = // r_{ds2} >> r_{s4} // \approx g_{m1} * r_{s4} = g_{m1}/g_{m4} = // \mu_n \approx 3 * \mu_p // \approx \\ (3 * (W/L)_1 / (W/L)_4)^{1/2}$$

Column 3, line 28, Equation (7):

$$t_{switch} \approx C_L \Rightarrow$$

should read:

$$(7) t_{switch} \approx C_L * A_0 / g_{m1}, \text{ where}$$

Column 3, line 45, $|V_f| = |V_o| = 0.8V$; and

should read:

$$|V_{tp}| = |V_{tn}| = 0.8V; \text{ and}$$

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PATENT NO. 6,844,897

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